

CompactXR™

LONG-RANGE THERMAL IMAGING CAMERA
DESIGNED FOR YOUR SMARTPHONE

KEY CAMERA SPECS

- 206 x 156 Thermal Sensor
- 20° Field of View
- 40°F to 626°F Detection Range
- 1,800 ft Distance
- Works Day & Night
- Waterproof Carrying Case

Seek
thermal™

thermal.com



The Seek CompactXR is the only long-range thermal imaging camera designed for your smartphone. Its highly portable design fits in your pocket for easy connect-and-detect convenience. The CompactXR delivers powerful thermal imaging through its advanced 206x156 thermal sensor, engineered with the same military-proven technology the pros use. Its 20-degree narrow field of view allows it to detect heat signatures up to 1,800 feet away. It does not require a battery or charging. Seek CompactXR uses advanced infrared technology to let you see thermal images, day or night, right on your smartphone screen. It even comes with its own waterproof carrying case.

Designed and Manufactured in Santa Barbara, California with Global Components.

Product Name:	Seek CompactXR
Available Date:	January 2015
Product Type:	Thermal Imaging Camera Made for Smartphones
Seek CompactXR Made for iPhone:	UPC: 855753005068 Part Number: LT-AAA
Seek CompactXR Made for Android:	UPC: 855753005020 Part Number: UT-AAA
Export Regulations	Subject to US Export Regulations

Single Unit	
Included in the box:	<ul style="list-style-type: none">Seek CompactXRWaterproof Carrying Case
Device Dimensions (H x W x D)	1 x 1.75 x 1 inches
Device Weight:	.5 ounces
Box Dimensions (H x W x D)	7 x 3.75 x 1.25 inches
Box Weight:	8.3 ounces
Master Pack	
Included in the Master Pack	80 Units
Master Pack Dimensions	20 x 15 x 16 inches
Master Pack Weight	45 pounds

KEY FEATURES

Built for Long-Range Detection

Narrow, 20° field of view quickly scans up to 1,800 feet (550 meters)

High-Performance Thermal Sensor

206 x 156 thermal sensor accurately identifies heat signatures

Best-in-Class Temperature Range

Measure temperatures from -40° to 626°F (-40° to 330°C)

Customize, Record and Share

Intuitive, free mobile app available on Google Play and iTunes App Store

Focusable Lens for Quick Identification

Aim and focus from 6 inches to 1,800 feet for the sharpest image

Waterproof Case that Protects

Comes with its own waterproof case to withstand the elements

BENEFITS & USES

Connect-and-Detect Convenience

Pocket-sized, highly portable, and easy to use

Keep An Eye on Things—Even Those You Can't See

It's a lot easier to stay safe when you can see in the dark

Quickly and Accurately Scout Terrain

Day or night, camouflage won't hide a heat signature

Never Lose an Animal

Easily recover and rescue animals

Safeguard Buildings, Land, and Borders

Military-proven surveillance technology on your smartphone

Document your Thermal Discoveries

Record images and video of adventures for easy sharing

TECHNICAL SUMMARY

SPECIFICATIONS	DESCRIPTION
Thermal Sensor	206 x 156
Detection Distance	1,800 Feet (600 Yards, 550 Meters)
Field of View	20 Degree FOV
Temperature Range	-40°F to 626°F (-40°C to 330°C)
Frame Rate	< 9 Hz
Focus	Adjustable Focus
Lens Material	Chalcogenide
Microbolometer	Vanadium Oxide
Pixel Pitch	12 Microns
Spectral Range	7.5 - 14 Microns
User Interface	Free Seek Thermal Mobile App
Temp. Display Scale	Fahrenheit or Celsius
Color Palettes	9 Options
Storage Media	Stores Directly to Smartphone
Battery	Powered by Smartphone. Consumes up to 280 mW
Phone Compatibility	iPhone® and Android™

For support and user guides visit support.thermal.com

KEY SPECIFICATIONS



206 X 156
Thermal
Sensor



20°
Field
of View



-40 to 626°F
Detection
Range



1,800 ft
Distance



Waterproof
Carrying Case

USER INTERFACE



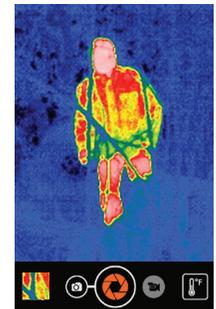
PHOTO & VIDEO

Capture and share
thermal photos
and videos



THERMOGRAPHY

Display temperature
readings in three modes:
Spot, Hi/Low, & Threshold



COLOR PALETTES

Customize your
experience with a variety
of color palettes

DEVICE COMPATIBILITY

Compatible with latest iOS and Android smart phones and tablets

▶ See list of minimum system requirements at thermal.com/supported

SEEK THERMAL APP & SOFTWARE

The free Seek Thermal app allows you to customize your experience, record images and videos directly to your smartphone, and easily share them.

▶ Get started at thermal.com



PRODUCTS



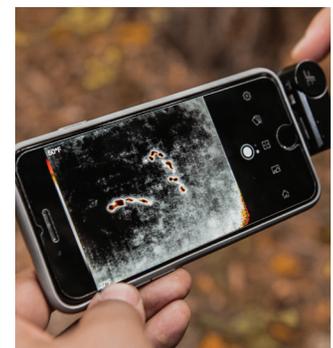
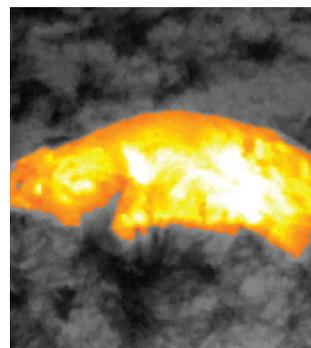
Made for
iPhone



Micro-USB



USB Type-C



Seek more at thermal.com

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Seek Thermal engineers, designs and manufacturers high quality thermal imaging products and core platforms for consumer, commercial, and heat sensing IoT data applications. With headquarters in Santa Barbara, California, the global hub of thermal imaging innovation, the company has developed breakthrough thermal imaging camera cores that will enable a range of